

FIG. 3A

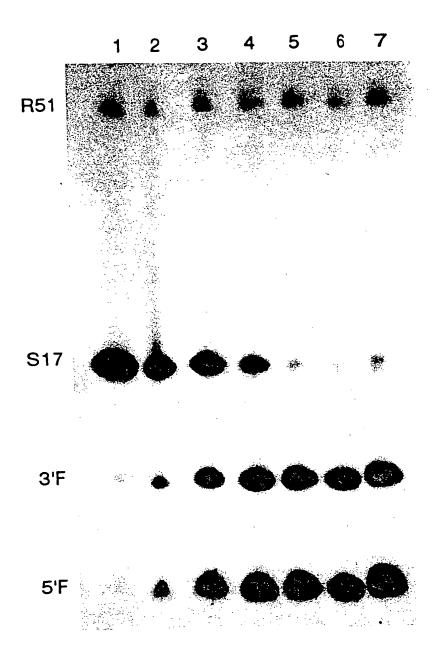


FIG. 3B

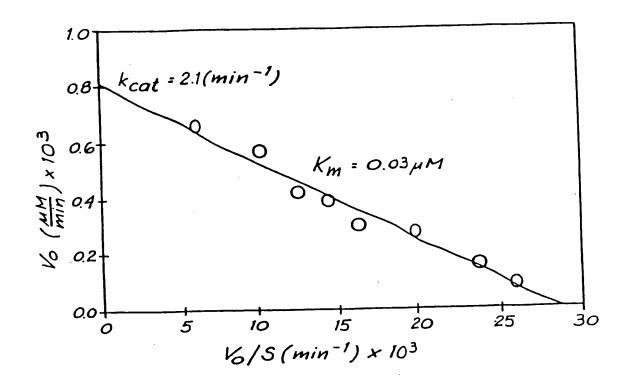


FIG. 4A

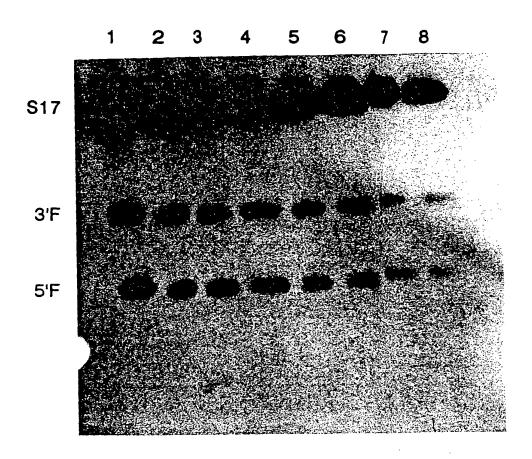


FIG. 4B

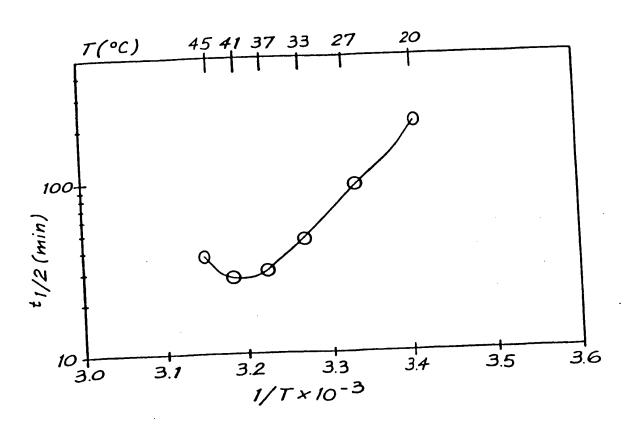


FIG. 5A

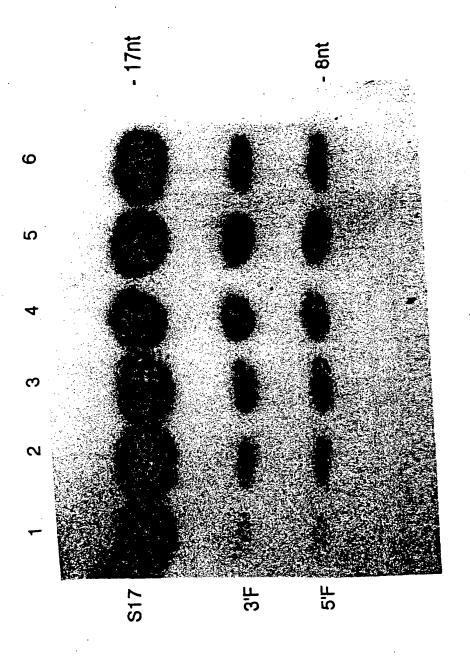


FIG. 5E

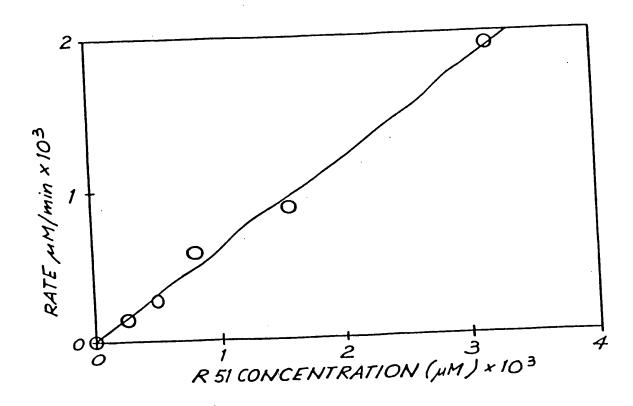
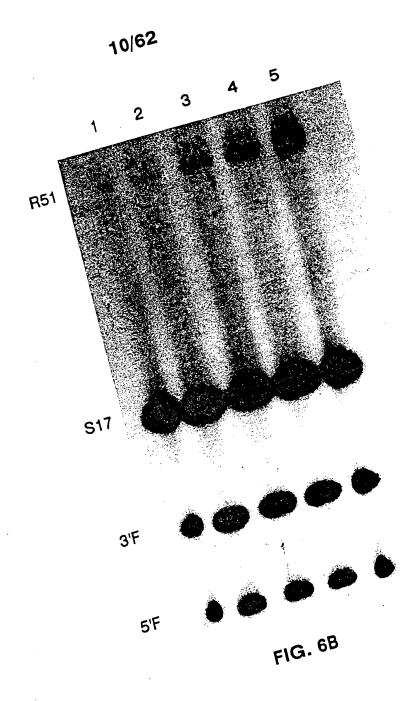
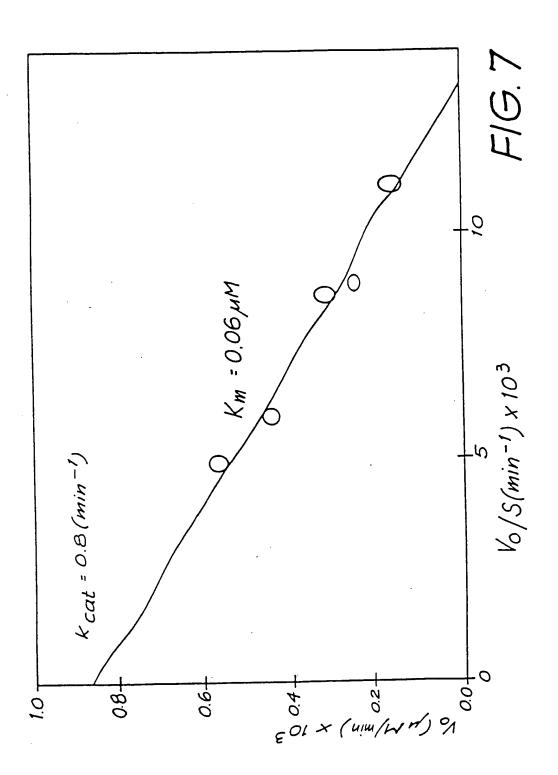


FIG. 6A





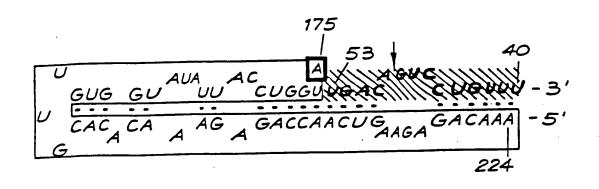


FIG. 8A

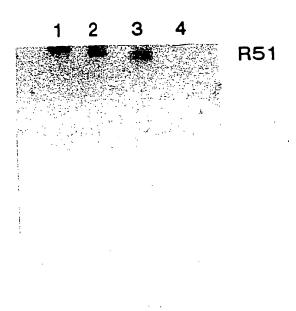
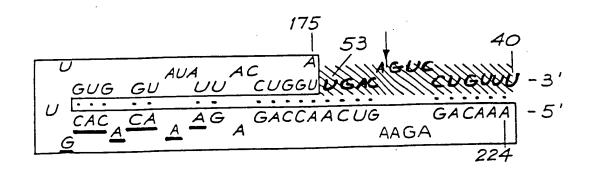




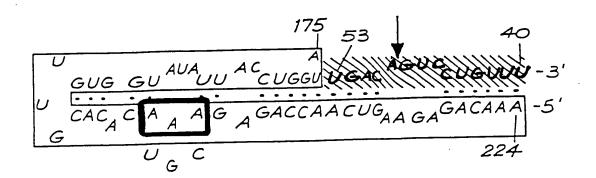




FIG. 8B



F1G.9



F1G.10

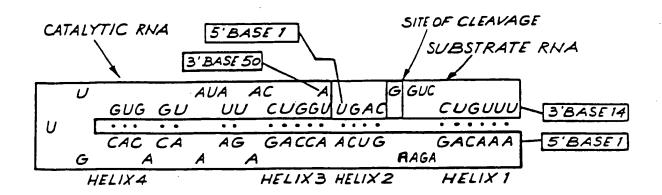


FIG. 11A-1

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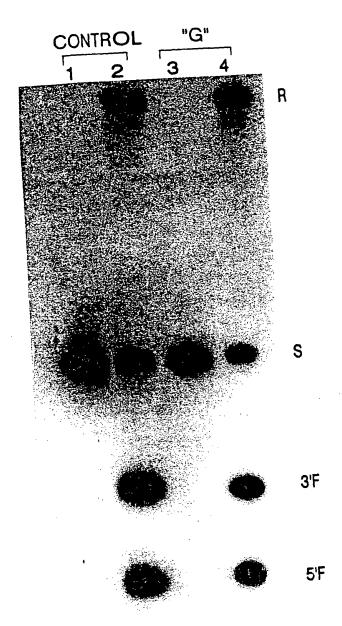
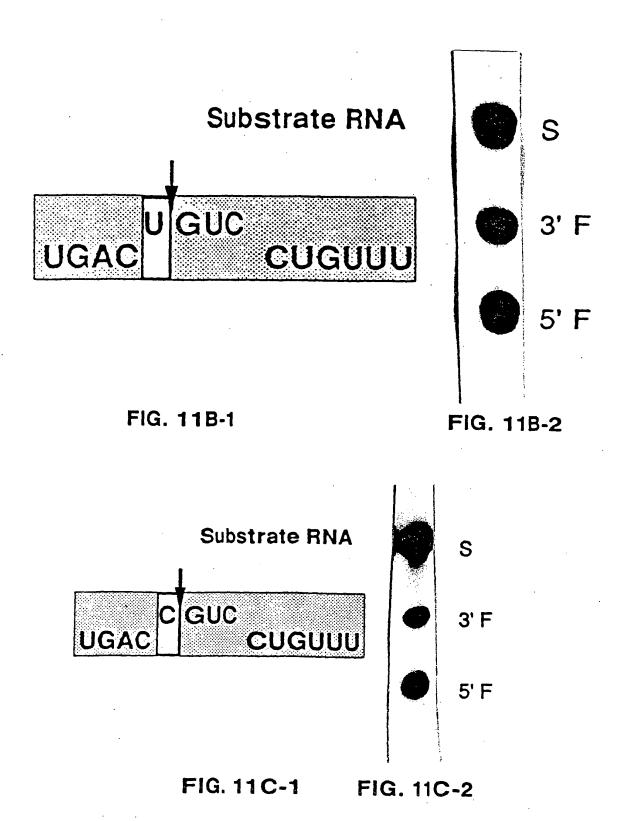


FIG. 11A-2



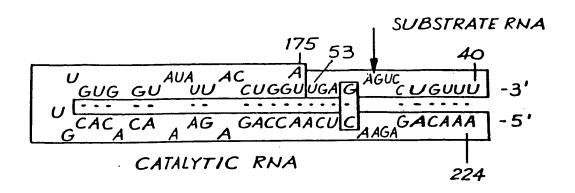


FIG. 12A

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1 2 3 4 5

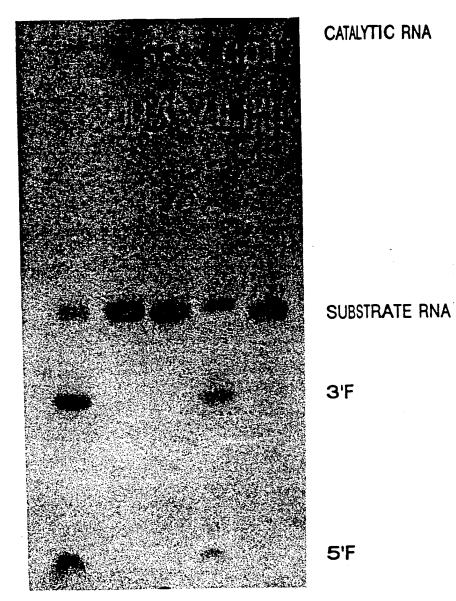


FIG. 12B

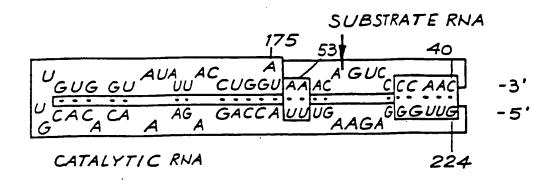


FIG. 13A

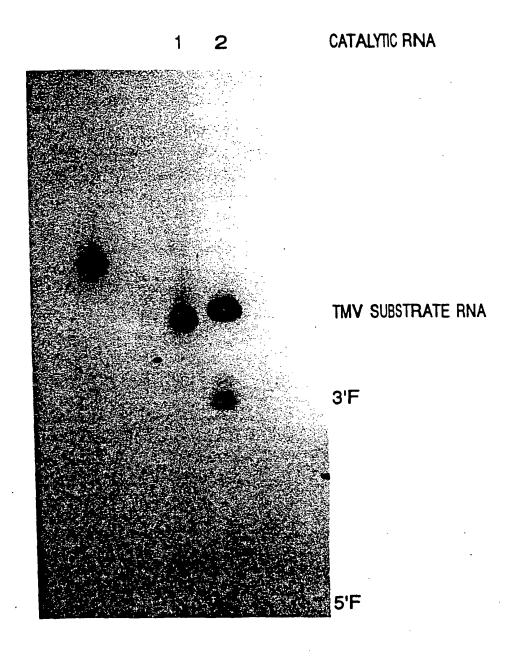


FIG. 13B

Substrate RNA Substr

FIG. 14A-1

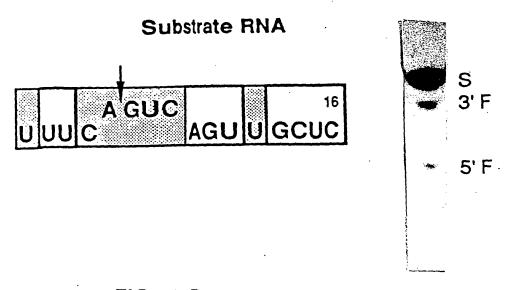
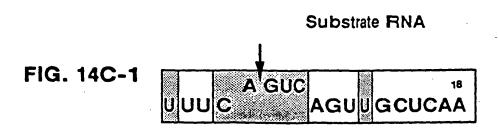
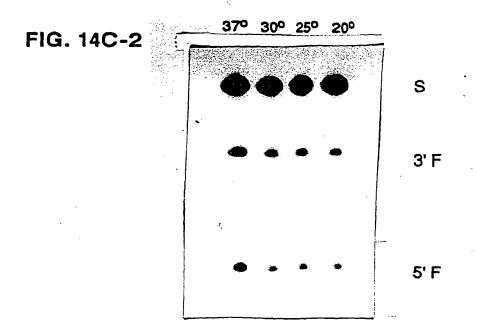


FIG. 14B-1

FIG. 14B-2

FIG. 14A-2





HIV 804 Substrate RNA

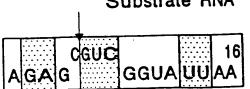


FIG. 15A

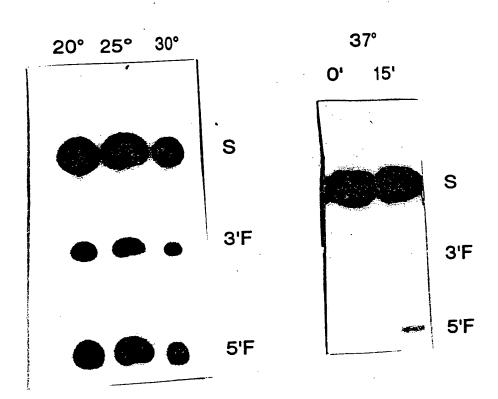
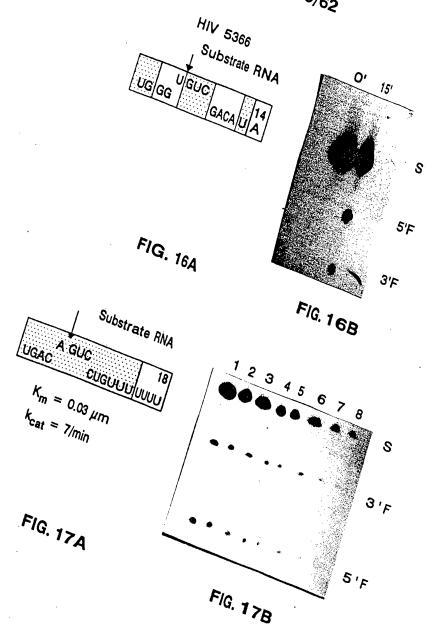


FIG. 15B

FIG. 15C





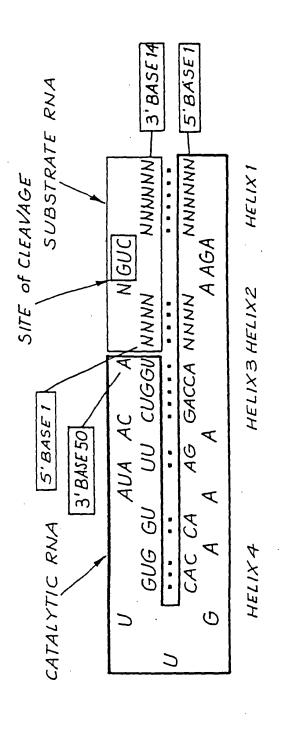


FIG. 18

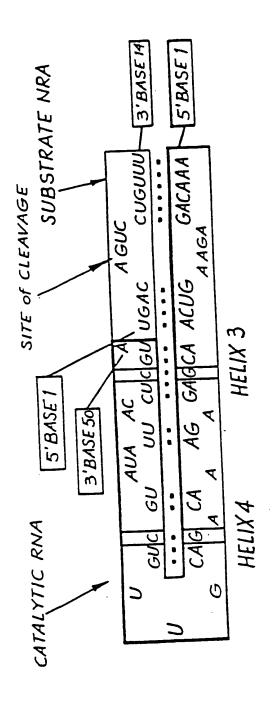


FIG. 19A

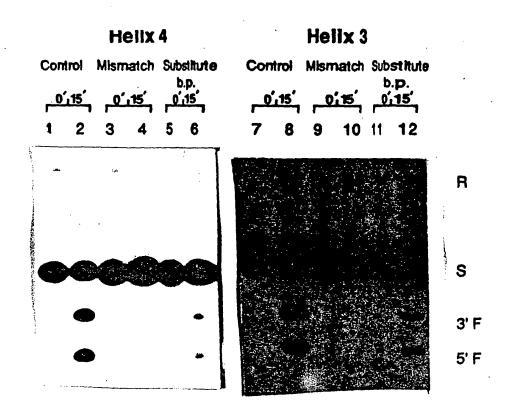


FIG.19B

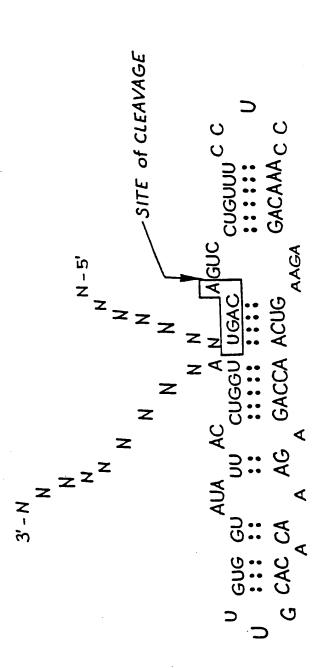


FIG. 20A

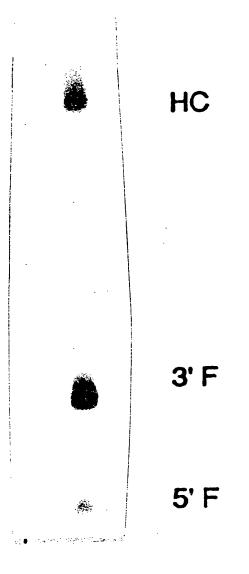
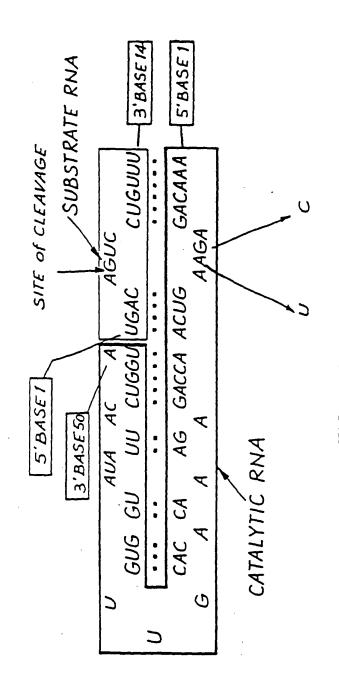


FIG. 20B



-1G. 21A

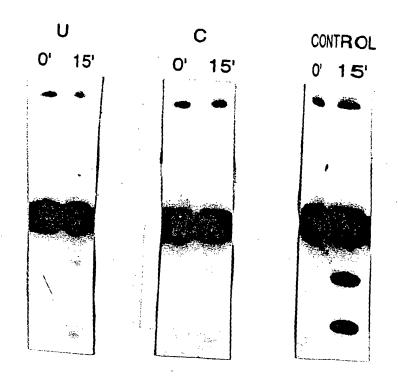
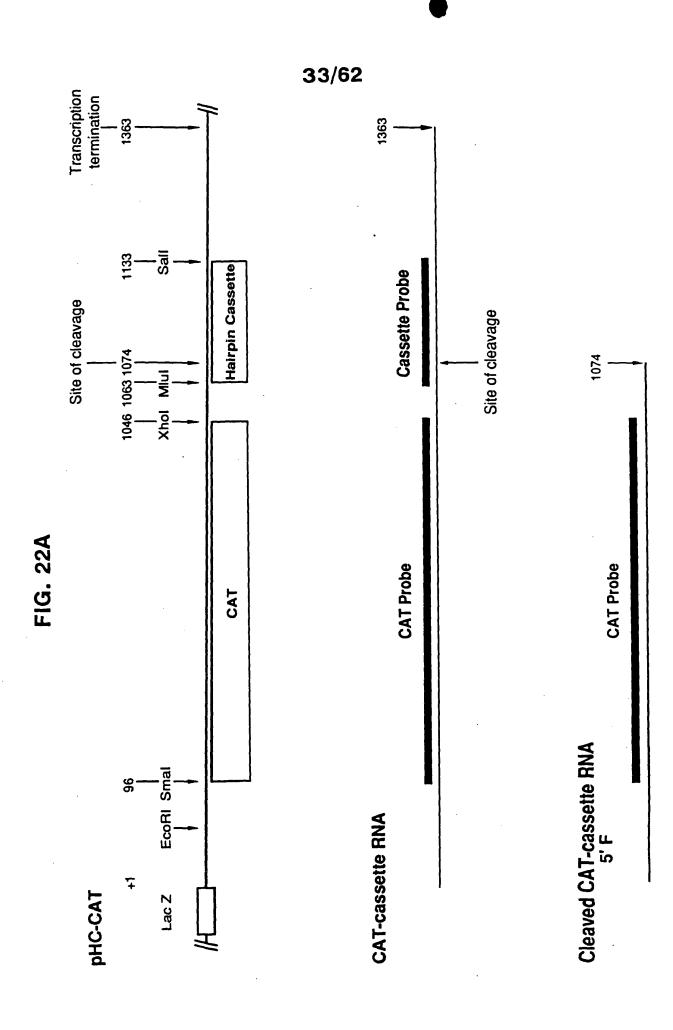


FIG. 21B



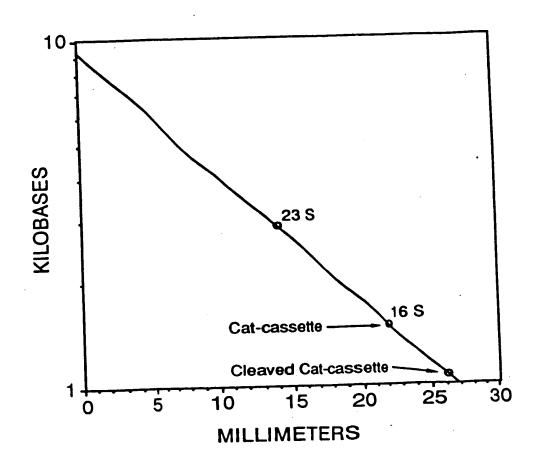


FIG. 22B-1

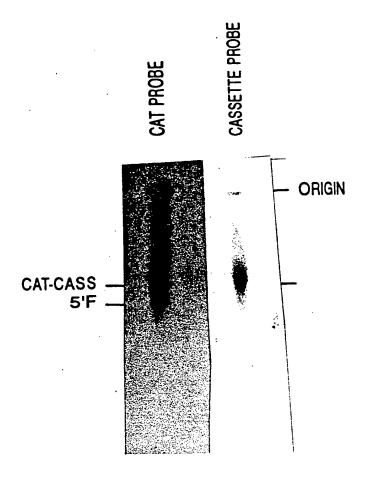
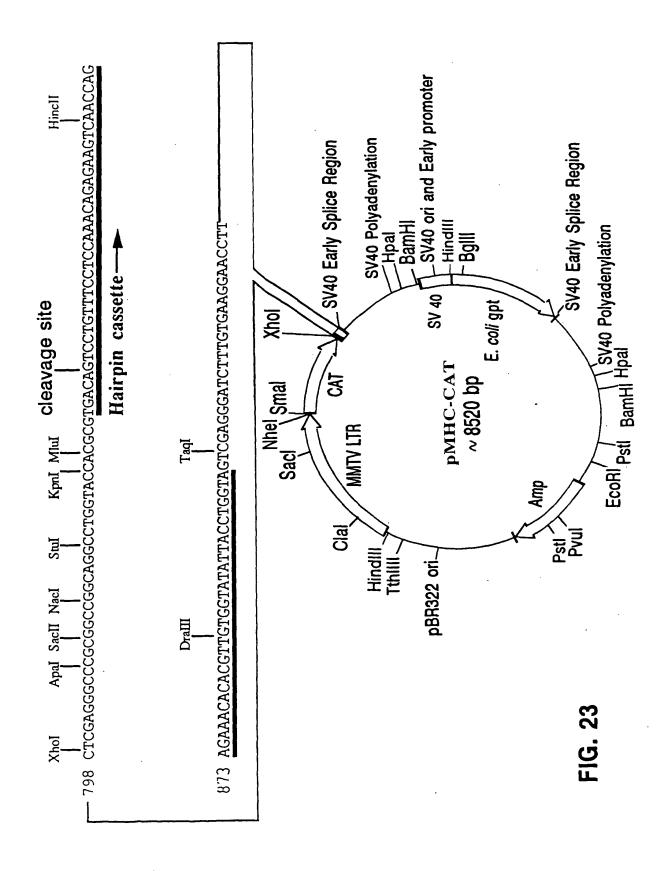
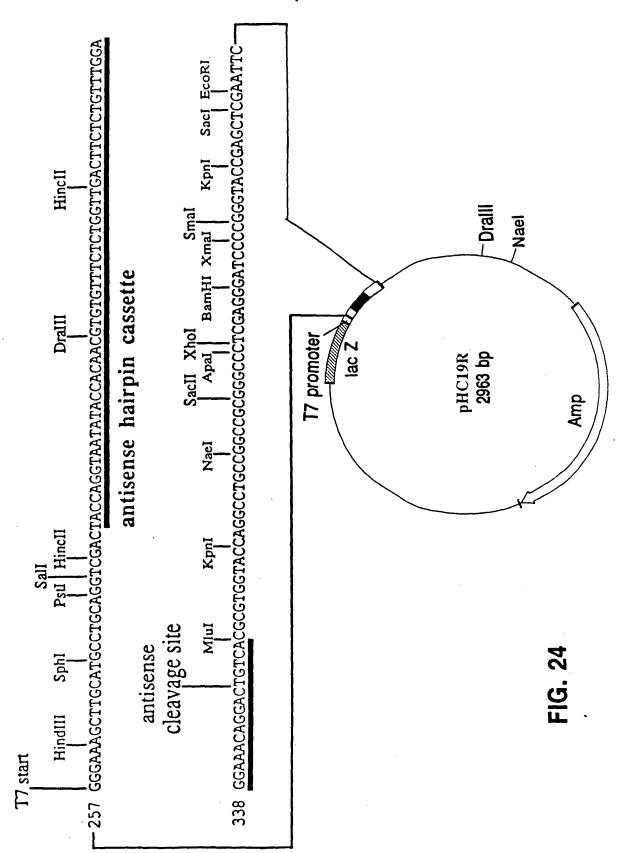


FIG. 22B-2





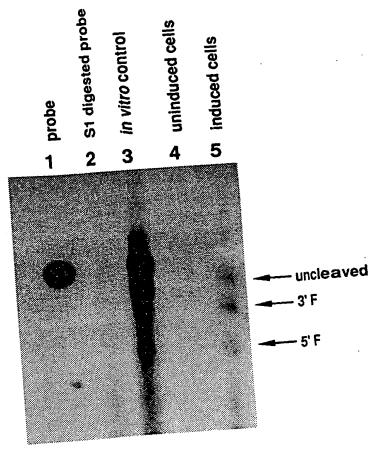
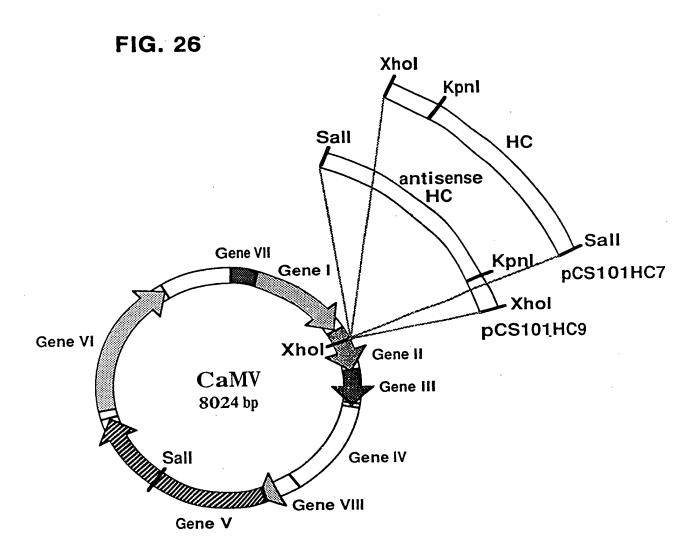
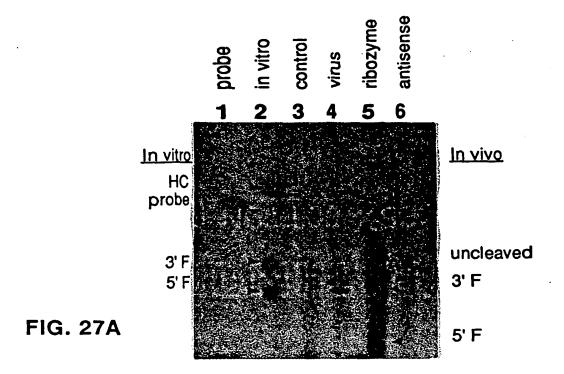


FIG. 25





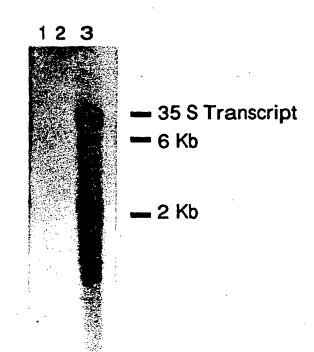


FIG. 27B

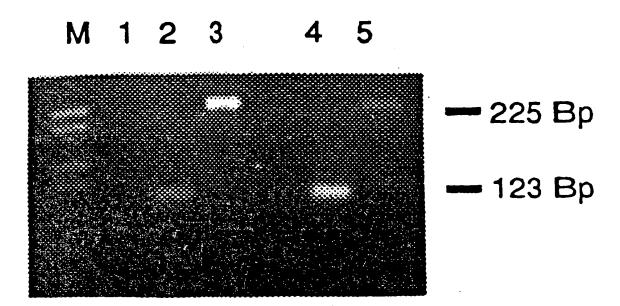


FIG. 27C

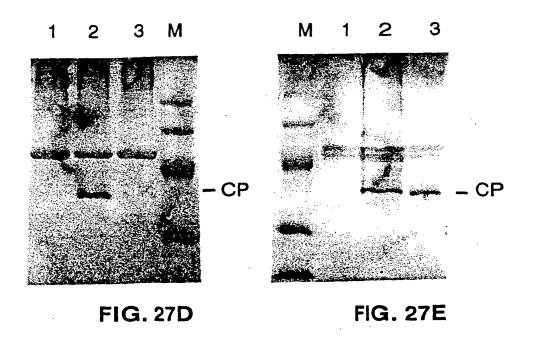


FIG. 28

| HXB2 | 8 | 561 T | TG CCC GTC TGT | GIC I | Ę | GT 96 | 45 T | g | 9645 TG CCC GTC TGT | TGI | TGT | ម | 455, | 9539 | 9718 | 8 |
|---------------------------|---------|--------|----------------------|--------|-------------------------|----------|----------|----|---------------------|-----|-------------|---|----------|------|--------|------------|
| HXB3 | | !!! | | | | ! | 1 | | | | | | , | į | - 3156 | 99 |
| PV22 | ģ | 570 I | 35 cc | er or | Ter Ter | GT 96 | 9688 TG | 88 | Series : | IG | TGI | ម | 464, | | | 0 |
| SF2 | 8 | 561 T | 32 OCC 1 | GIC I | | GT 96 | 9662 TC | | | IGI | | ម | 455, | 9556 | | <u></u> |
| 뚔 | ģ | 75 T | 32 000 | STC T | Ter Ter | j | 1 | | | | | | | 9091 | | 6 0 |
| MN | b | 560 T | | | TGT TaT | GT 96 | 9665 TC | 8 | TG CCC GTC TGT | TGI | TaT | ម | 454, | 9559 | 9738 | 80 |
| MAIL | çg | 105 T | 16 ccc i | arc r | Ter Ter | Í | ; | | | | | | 1, | 9134 | | 9 |
| ELI | ģ | 107 T | TG CCC (| STC 13 | ici ici | } | } | | | | | | ۲, | 9079 | | 9 |
| NL43 | 8 | 561 T | 2000 | GIC IX | Ter Ter (| GT 9636 | 36 TG | 8 | OCC GTC TGT | TGI | 1 61 | ៩ | 455, | 9530 | | Ø |
| 22 | 8 | 561 T | TG 000 5T | GIC IX | Ter Ter | j | | | | | | | 455, | ì | | ᅼ |
| 92 | ' | | | | | 5012 | 12 TG | | OCC GTC TGT | TCT | TGI | ម | 1111 | 4906 | | Ō. |
| CDC451-1 | | 559 T | 22 22 23 24 | SIC IX | ादा तदा | <u> </u> | ! | | | | | | 453, | | 243 | ထ္ထ |
| CDC451-2 | • | | | | | į | ; | | | | | | 1 | | 337 | m |
| BRVA | • | 1 | | | | į | ! | | | | | | 1 | | 360 | 0 |
| BHS | • | } | | | | į | 1 | | | | | | 1 | } | 5362 | 2 |
| BH8 | ' | 1 | | | | ļ | ł | | | | | | 1 | 3526 | | ო |
| BH10 | ģ | 1 | | | | į | ! | | | | | | 1 | 8895 | | 7 |
| JH3-1 | | 75 TX | 5 5 8 9 | SIC IX | ाड ००० बाट गुडा गुडा बा | H | ! | | | | | | | 1 | 189 | 7 |
| JH3-2 | 1 | 1 | | | | 1 | ! | | | | | | , | | 290 | m |
| NYS | • | ! | | | | | ; | | | | | ٠ | 1 | | 2125 | 2 |
| PCV12 | ı | } | | | | į | ! | | | | | | , | 2207 | | 4 |
| POLMA | ı | | | | | 1 | ! | | | | | | , | 1 | | 7 |
| ပ္တ | | ! | | | | 1 | ! | | | | | | , | 4250 | - | m |
| MM72-1 | ı | ; | | | | į | ! | | | | | | 1 | } | 1278 | æ |
| WMJ2-2 | 1 | ! | | | | 1 | ! | | | | | | 1 |) | 256 | 8 |
| Z-84 | 1 | ! | | | | | ! | | | | | | 1 | 1 | 2653 | m |
| 23 | ' | ! | | | | 1. | ! | | | | | | 1 | | 2709 | 6 |
| Z 321 | 1 | 1 | | | | - | ! | | | | | | , | 3420 | | 7 |
| HIV-2 capsite sequence is | site | sequer | nce is | (A/G | (A/G) GT CCC | ĮŽ. | | | | | | | | | • | |
| ROD |) () | 1 | | | | | ! | | | | | | 1, | 9498 | | н |
| ISY | Б | 1 | | | | 1 | ! | | | | | | ਜੰ | 9458 | | 9 |
| HIV2FG | 9 | | | | | 1 | į | | | | | | , | 9255 | 1670 | |

FIG. 2

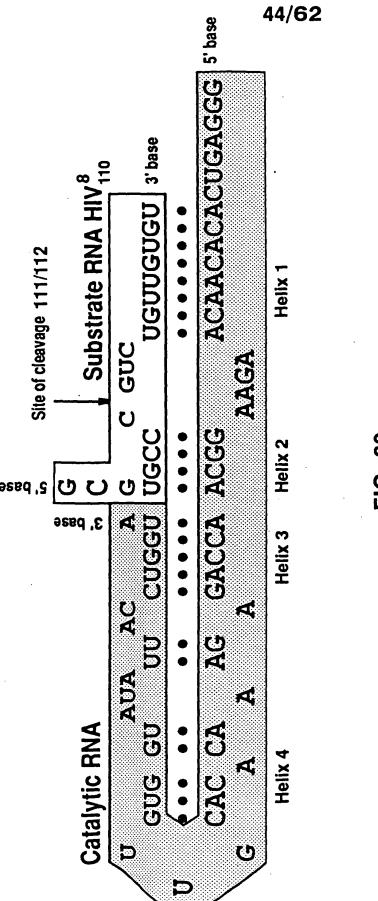


FIG. 30

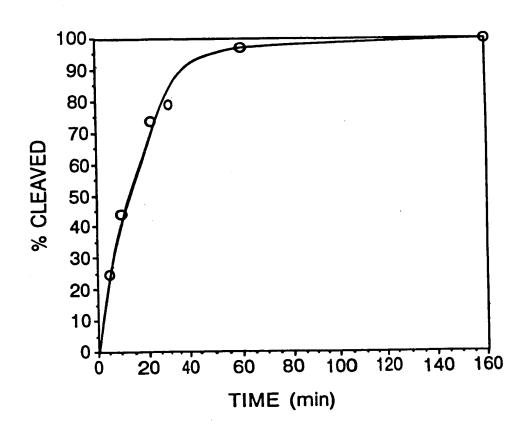


FIG. 31A

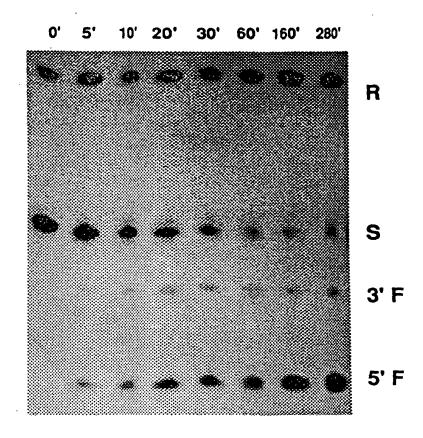


FIG. 31B

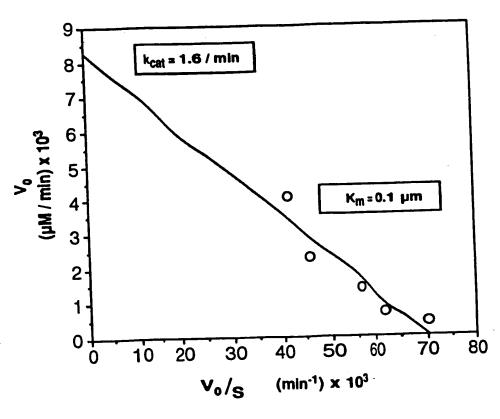


FIG. 32A

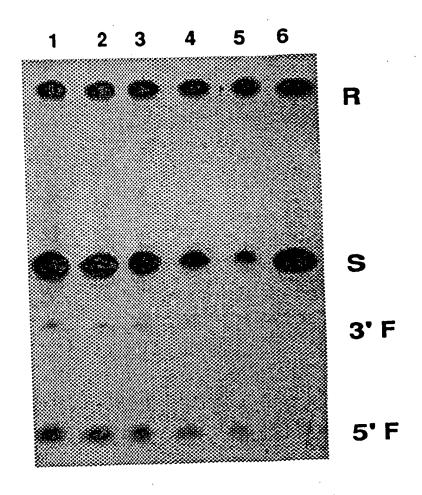
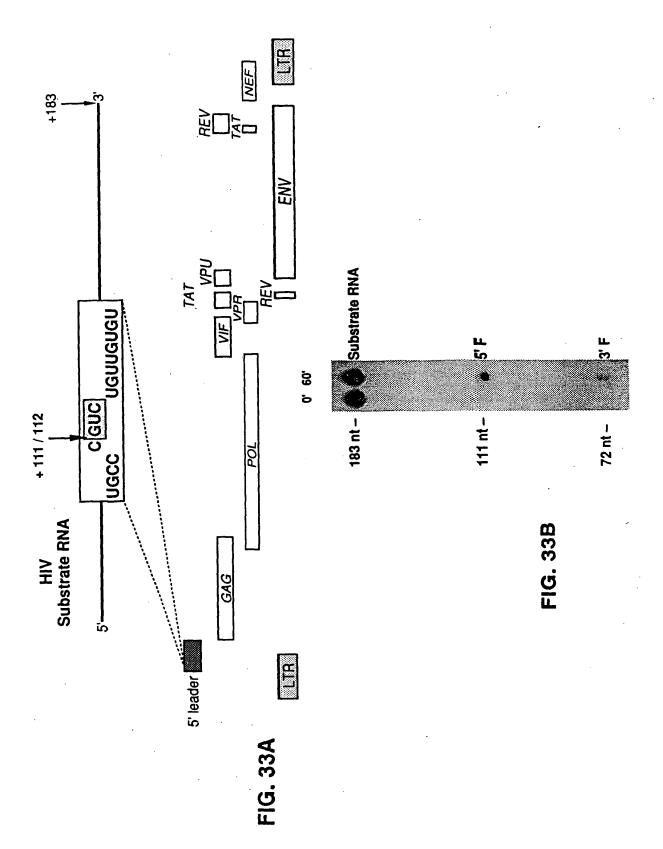
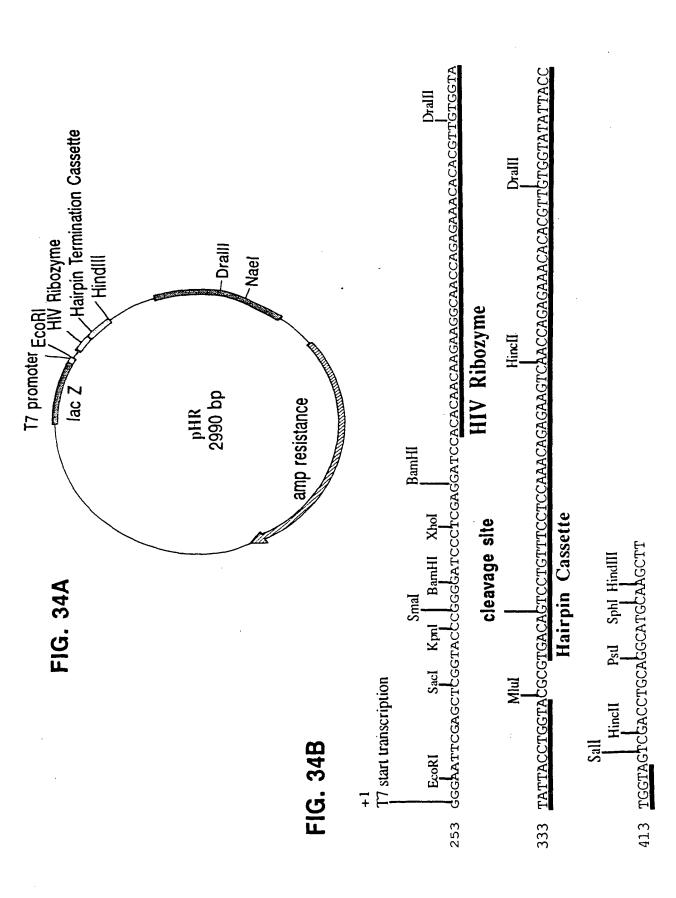


FIG. 32B





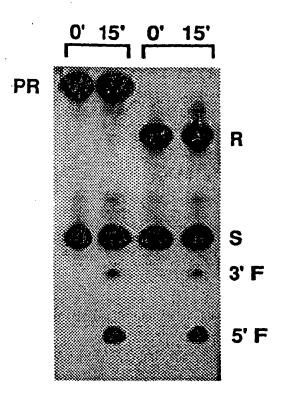
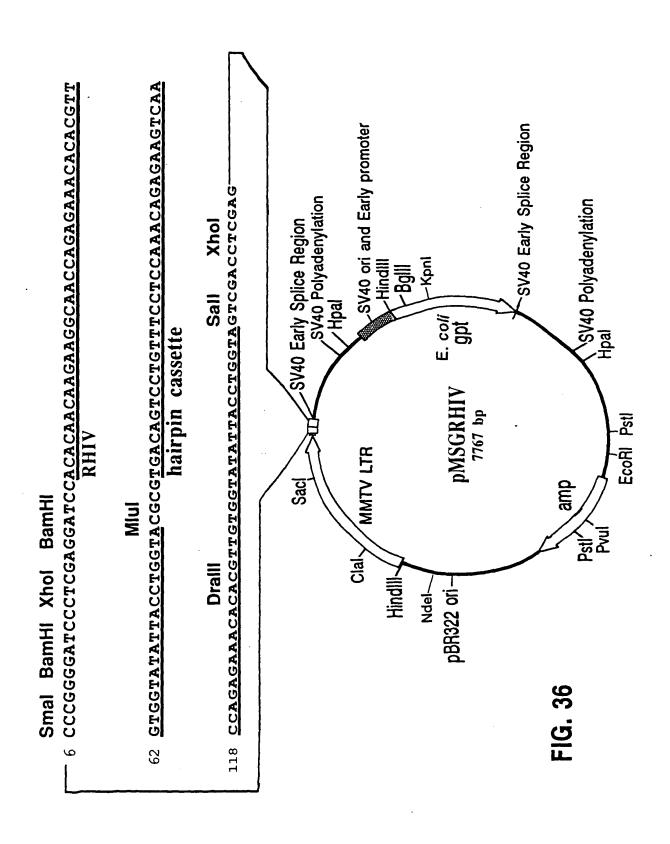


FIG. 35



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FIG. 38
Selection of Cells With HGPRT Ribozyme

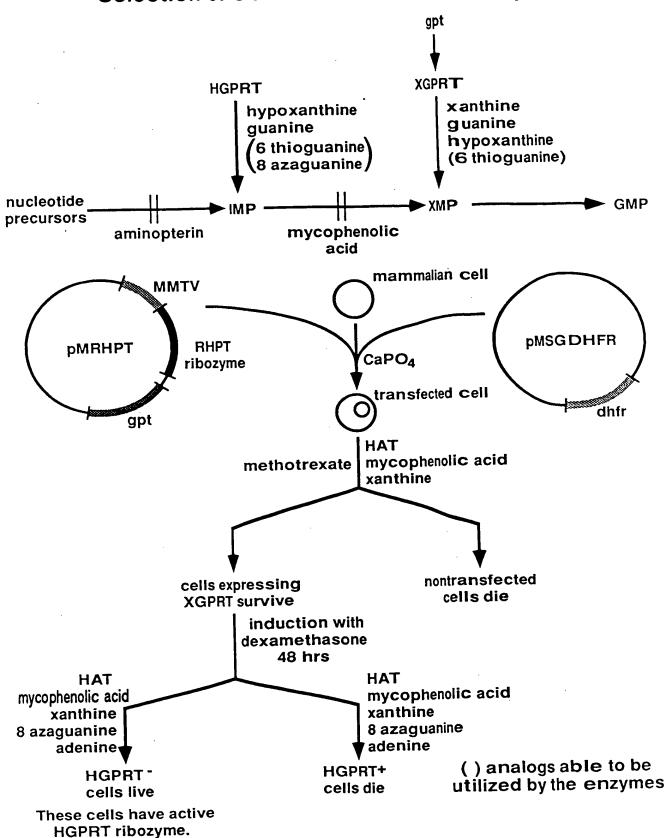




FIG. 39

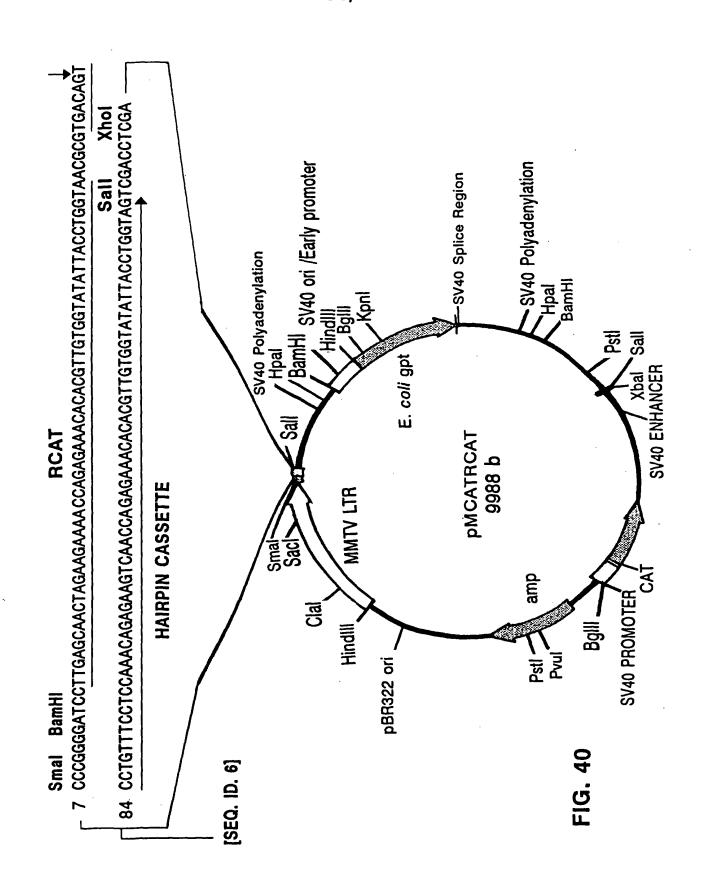
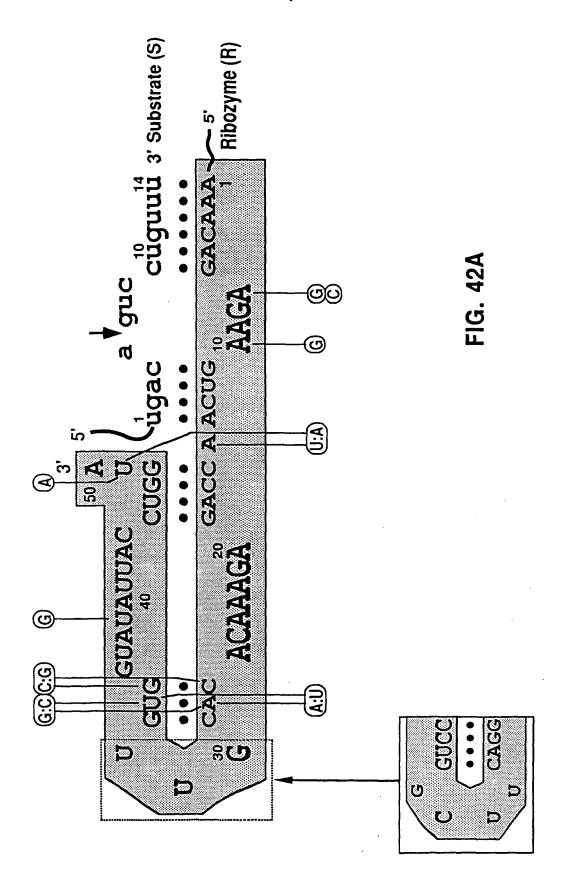




FIG. 41



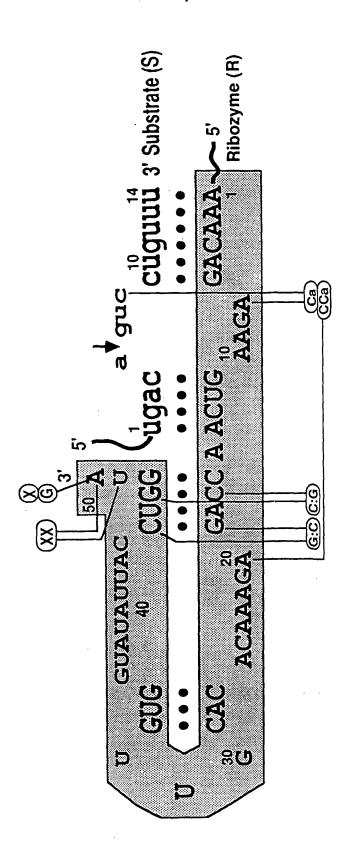
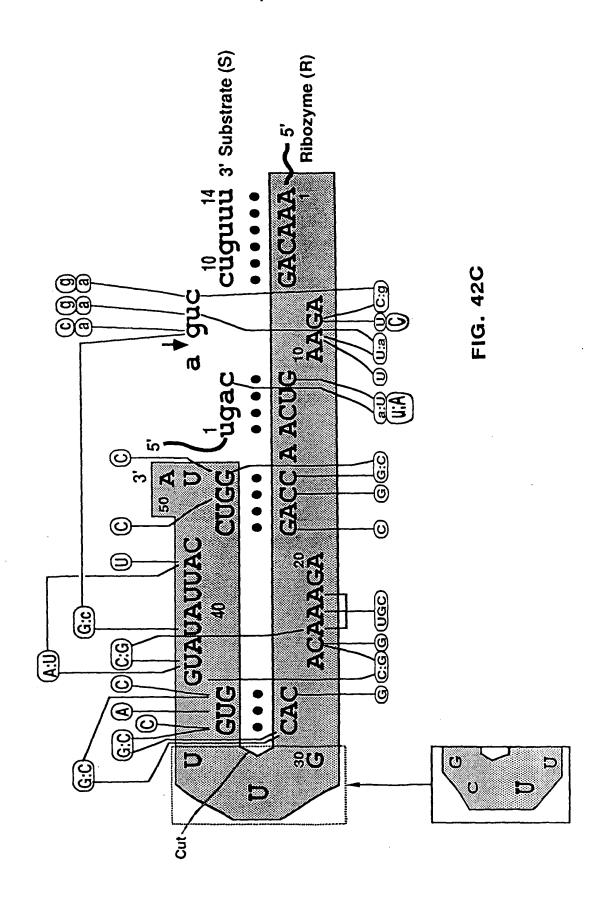
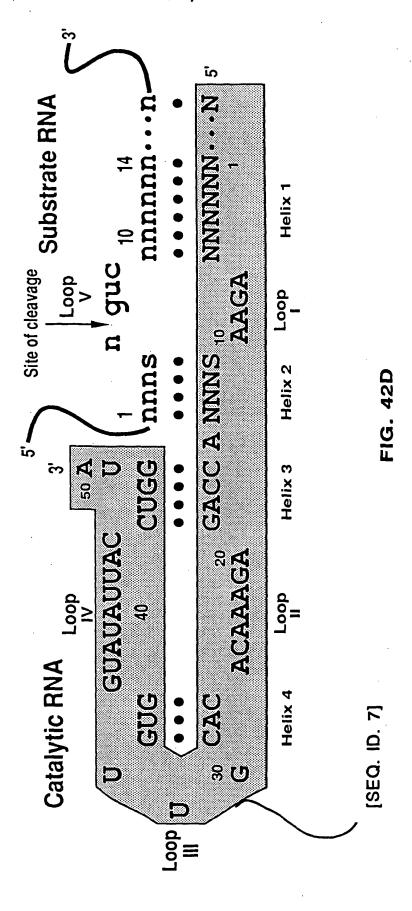
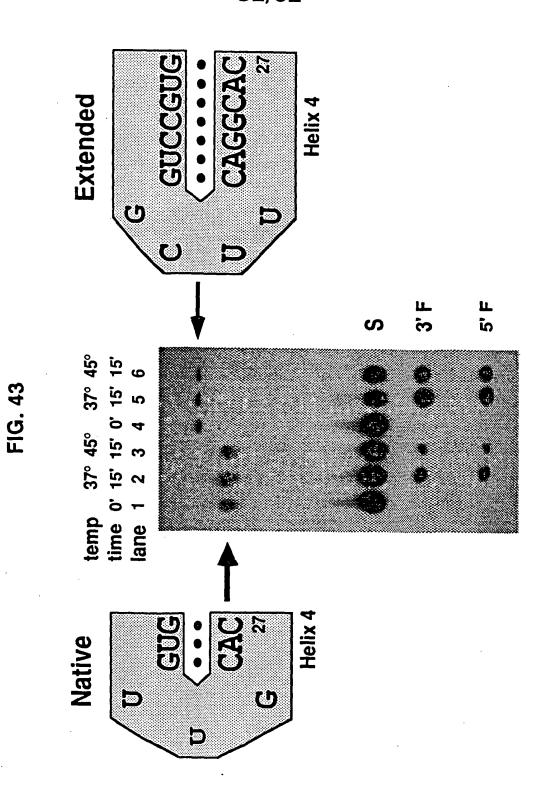


FIG. 42B







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